









<section-header> Challenges with Existing 1,4-D Pump & Treat Challenges (AOP) Challenges with Existing 1,4-D Pump & Treat Challenges (AOP) Struggle with variable influent loadings Delivery, storage and consumption of regulated chemicals (e.g. H₂O₂) Frequent change-out of UV lamps Bromate and hex chrome formation potential TSS/turbidity/TDS reduces effectiveness Subject to free radical scavengers pH-sensitive Mixed full scale results







Removal to ppb	or Sub-ppb Levels
BTEX	ODE
PCE	Alachior
TCE	1,4-Dioxana
1.1-DCE	MIBE
1,1,1 TCA	DFP (Disopropyl Fluoro Phosponate)
1,2-DCA	DMMP (Dimethyl Methyl Phosphonate)
DCM	2.4-D
cis-1,2-DCE	Cresol
vc	IPA
Acetone	Permethrin
MEK	Dicofal
мівк	Endrin
Phenol	Toxaphene
Chiorophenol	Heptachkor
Dichlorophenol	Anine
Trichlorphenol	Pyrdne
Aldrin	Caprolactam
Dieldrin	Ethyl Acetate
DDT	Triton X100























































